

S04P0266**00

1 / 19

FIG. 1

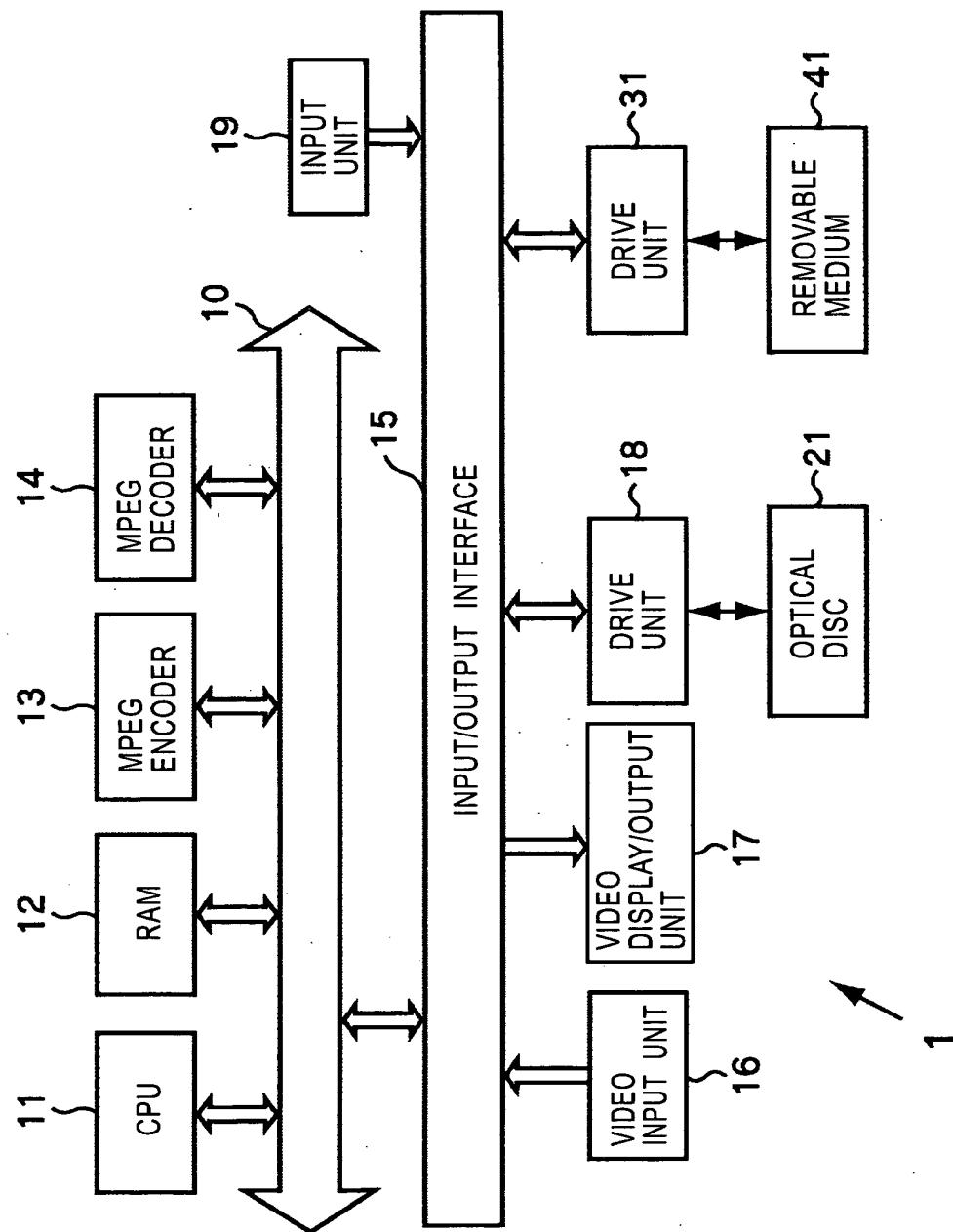


FIG. 2

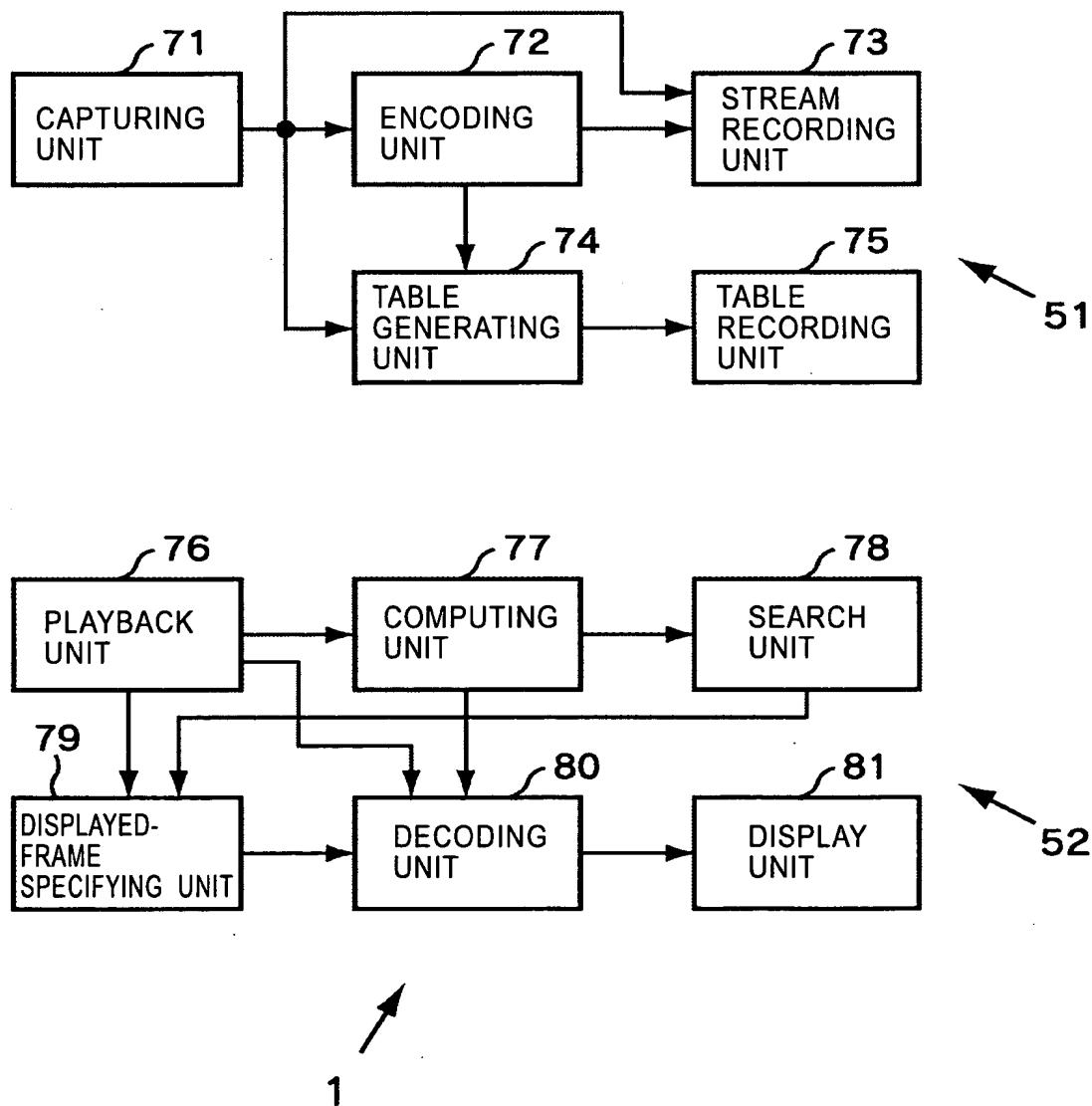


FIG. 3

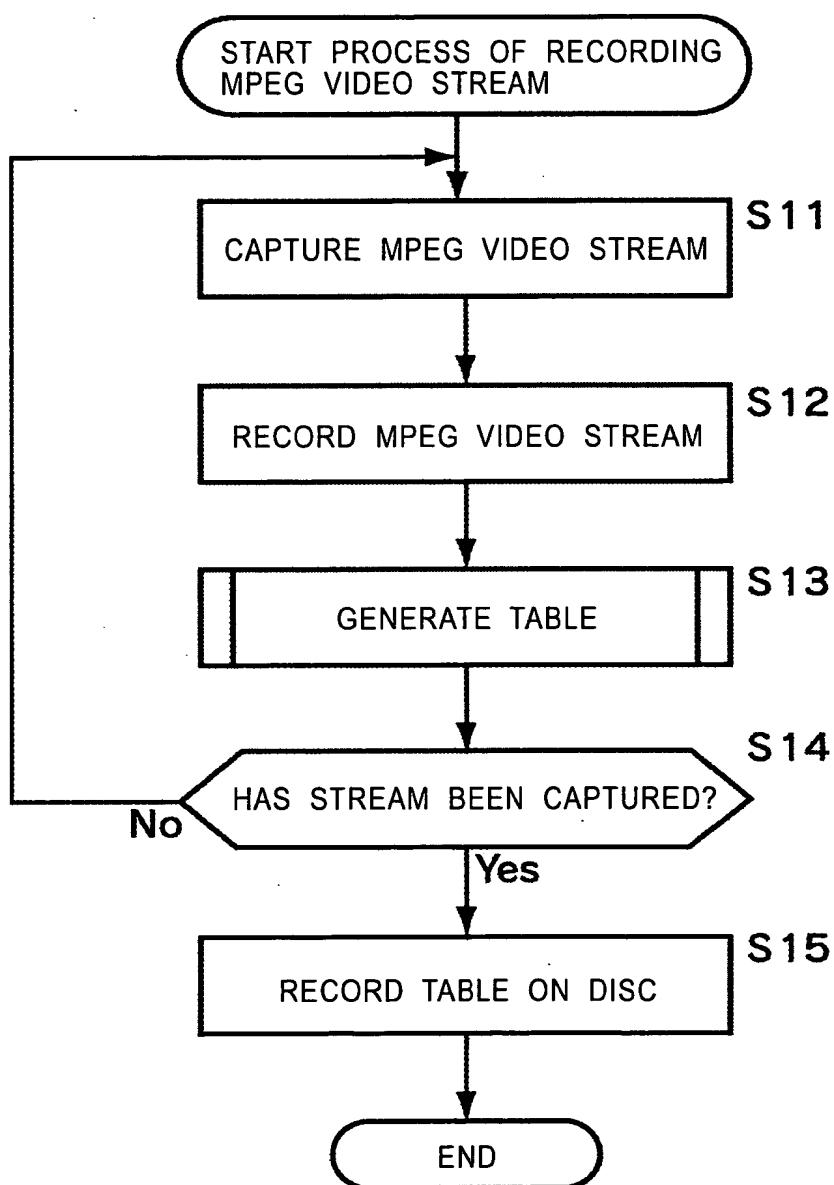


FIG. 4

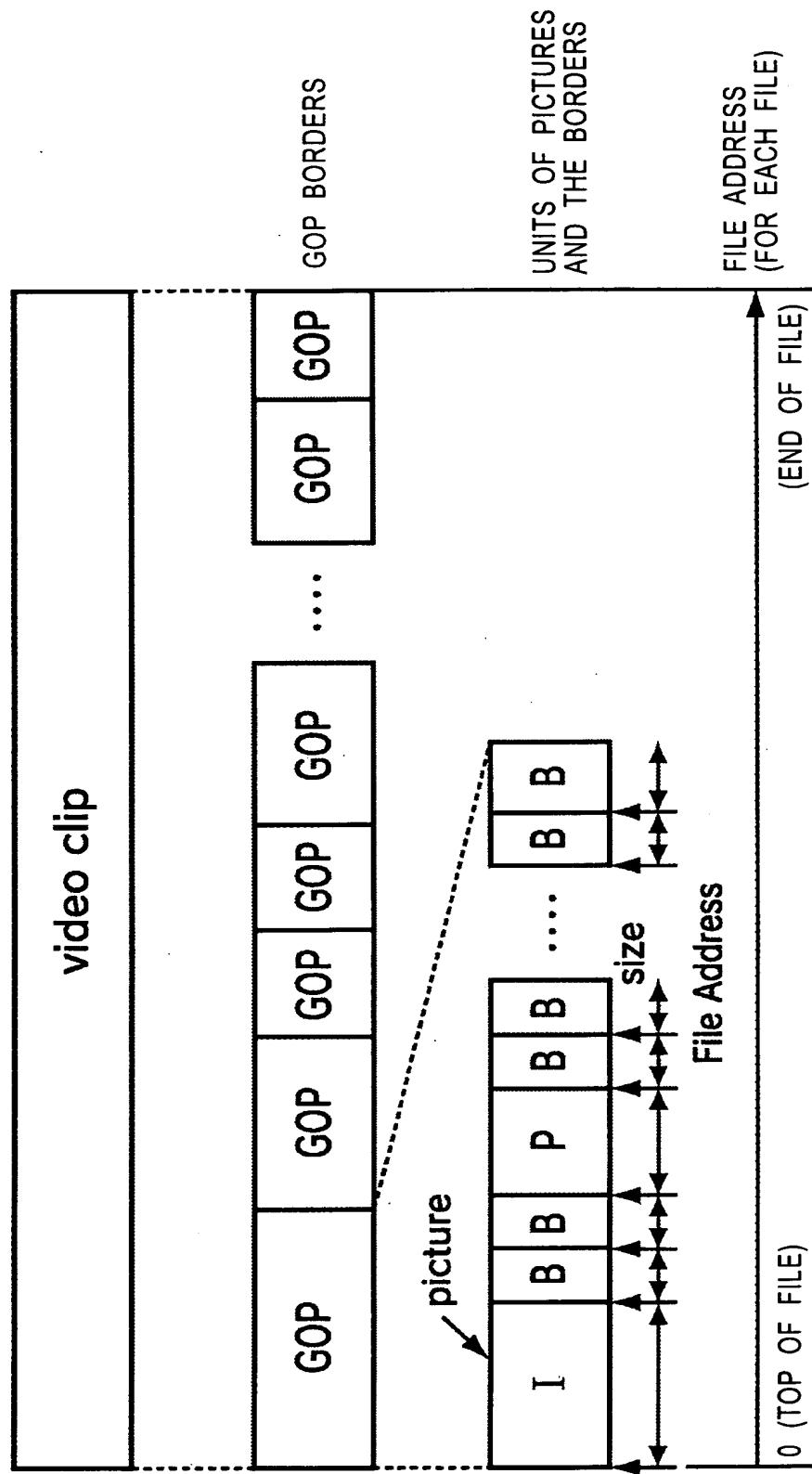


FIG. 5

1: GOP top, 0: others
 top_field_first
 repeat_first_field

		size	File Address
#0	00	B	
#1	01	B	
#2	10	I	
#3	11	B	
#4	00	D	0x000000000000
#5	00	B	
#6	01	P	
#7	10	B	
#8	11	B	
#9	00	D	0x000000000000
#10	00	P	
...
#n	00	P	
	111	2 bits →	3 bytes →
		38 bits →	5 bytes →

FIG. 6

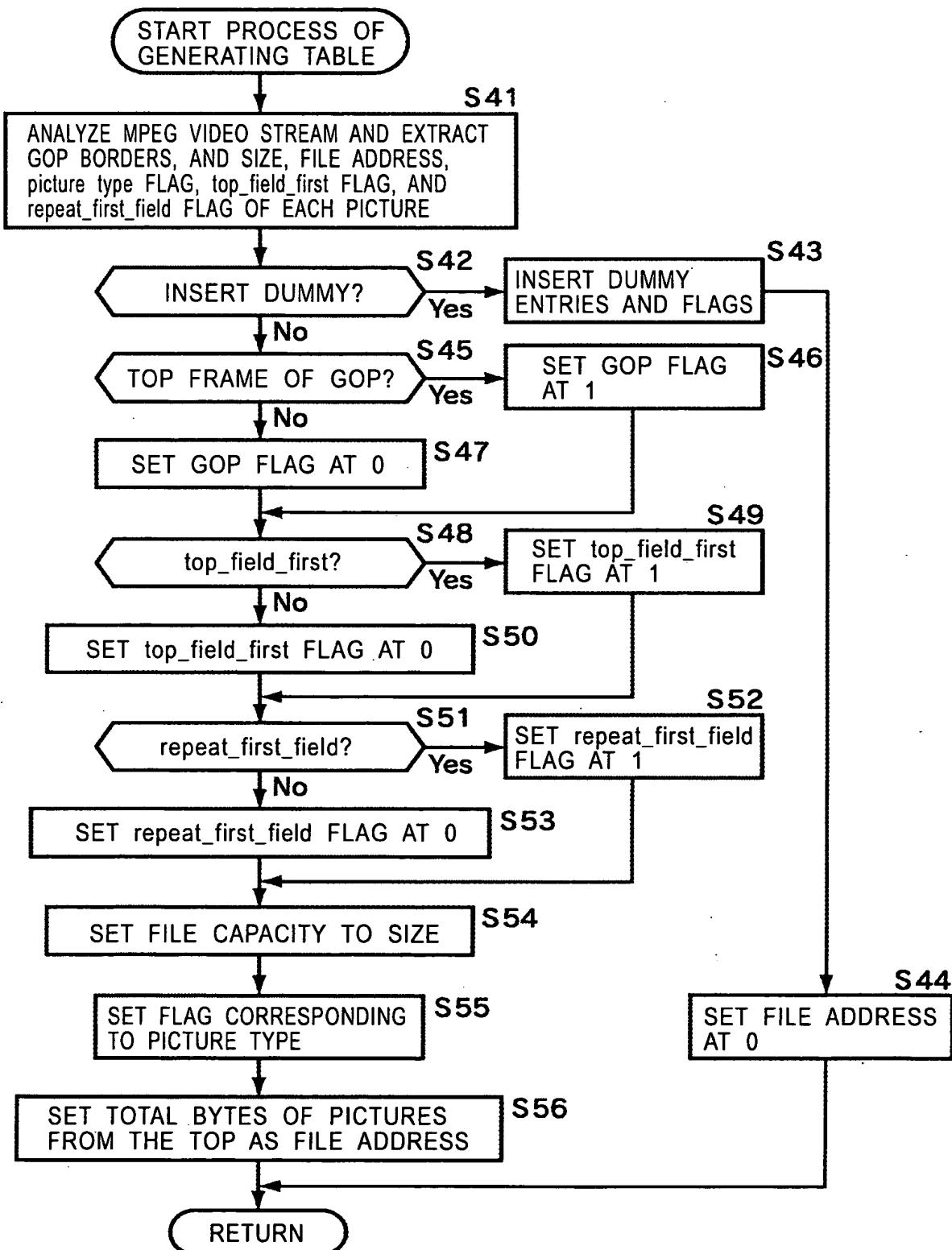


FIG. 7

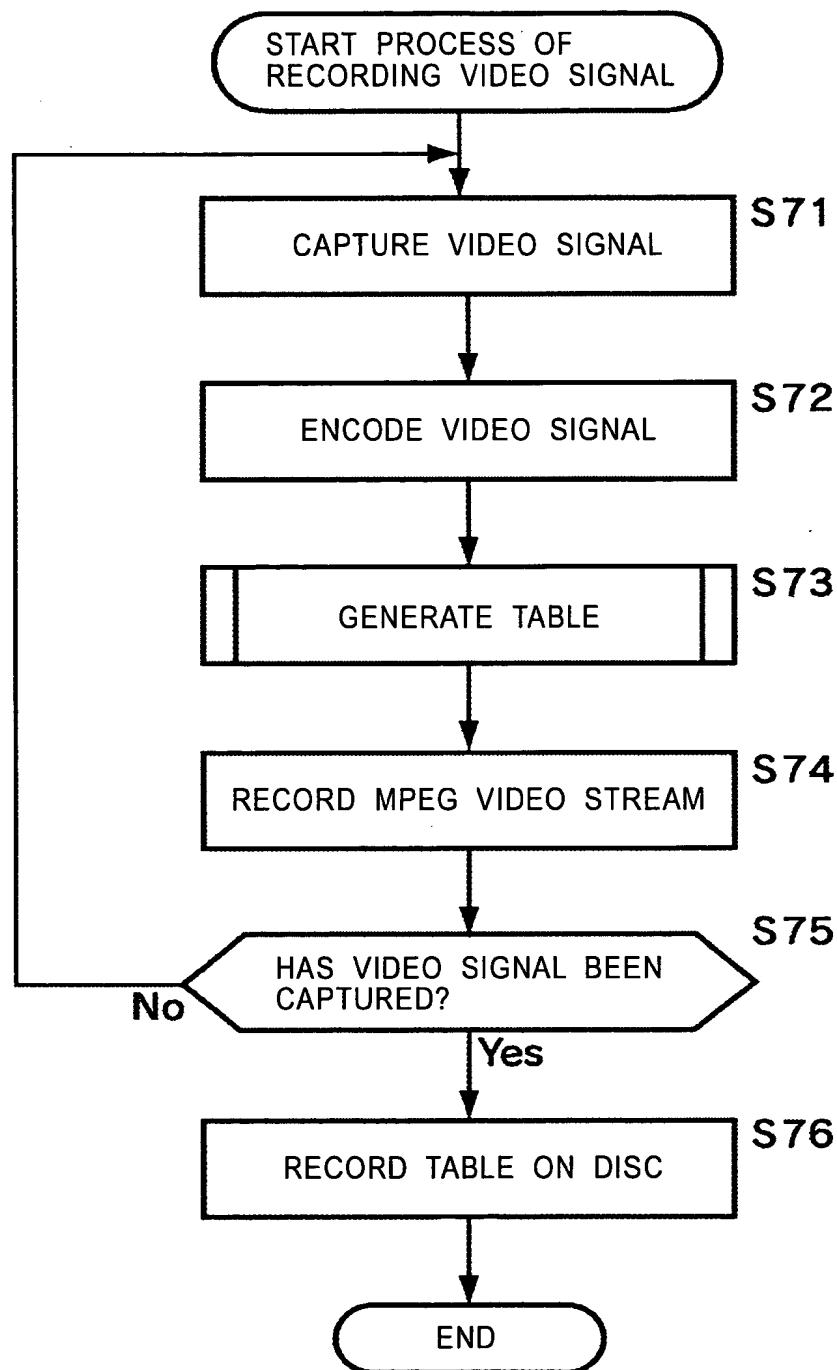


FIG. 8

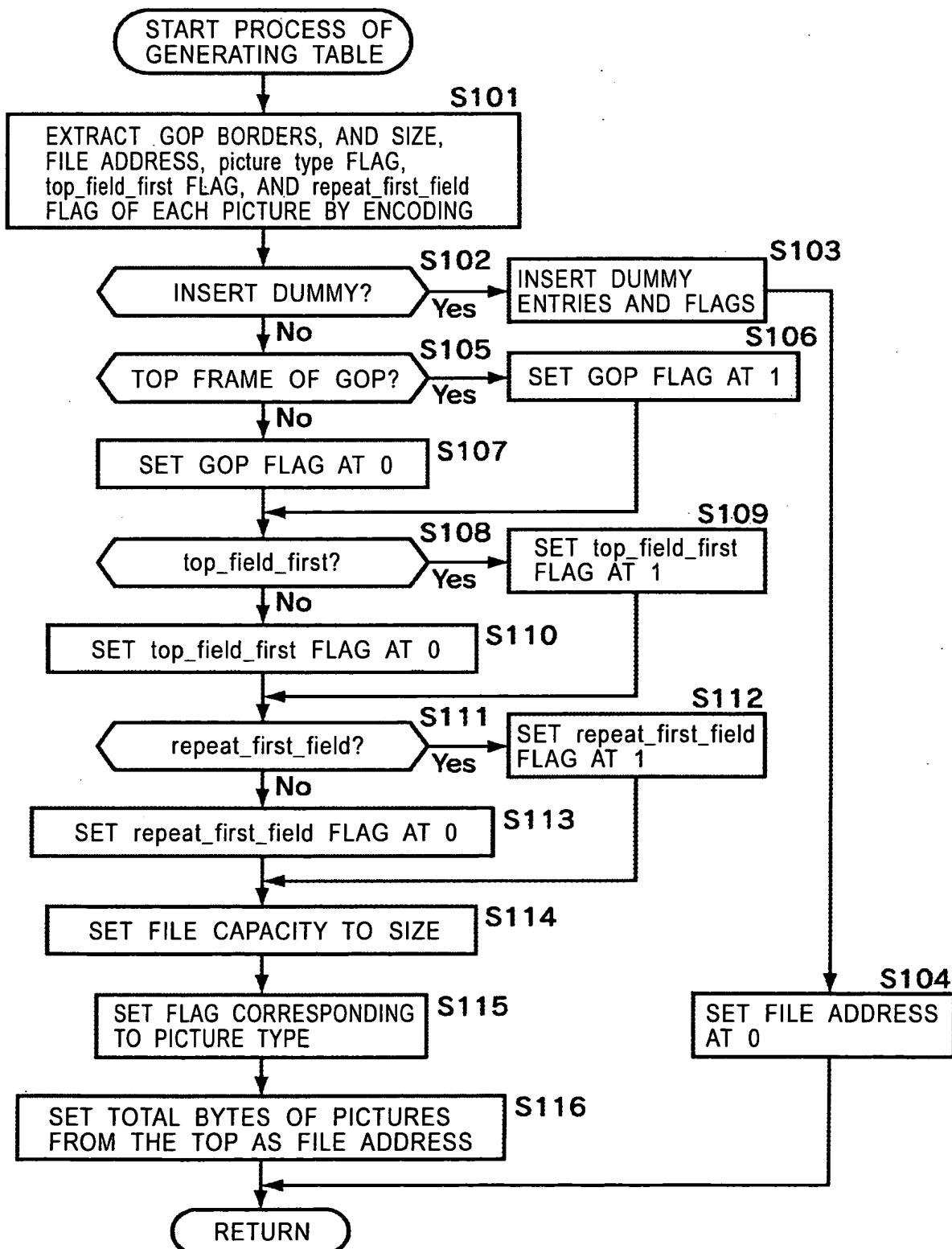


FIG. 9

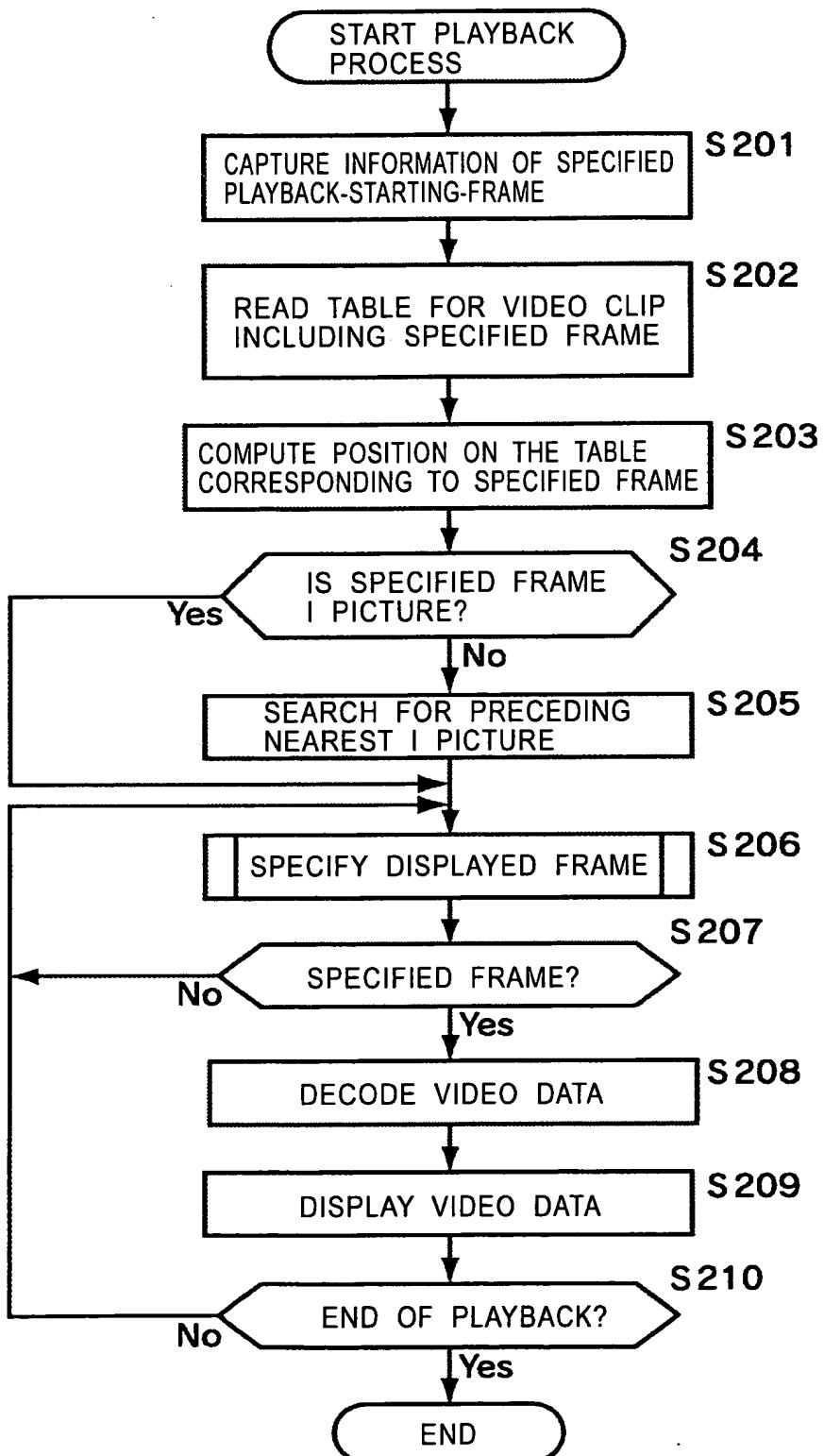


FIG. 10

picture type 01: I picture
10: P picture
11: B picture
00: D (dummy)

top_field_first

repeat_first_field

FRAME (PICTURE) NUMBER IN DISPLAY ORDER	#0	B	File Address
#1	00	B	...
#2	00	I	...
#3	00	B	...
#4	00	B	...
#5	00	P	...
#6	00	B	...
#7	01	B	file_address_1
#8	11	P	file_address_2
#9	00	B	...
#10	00	B	...
...
#n		P	

PLAYBACK OF THIS FRAME IS INSTRUCTED

→

FIG. 11

top_field_first	repeat_first_field	picture type	PROCESS
0	0	—	Display frame made by combining top field and bottom field of picture indicated by File Address of the entry in table.
1	0	—	Display frame made by combining top field and bottom field of picture indicated by File Address of the entry in table.
0	1	—	Display frame made by combining top field of picture indicated by File Address of the immediately preceding entry in table and bottom field of picture indicated by File Address of the entry in table.
1	1	—	Display frame made by combining top field of picture indicated by File Address of the immediately preceding entry in table and bottom field of picture indicated by File Address of the entry in table.
(don't care)	—	dummy picture	Display frame made by combining top field and bottom field of picture indicated by File Address of the immediately preceding entry in table.

FIG. 12

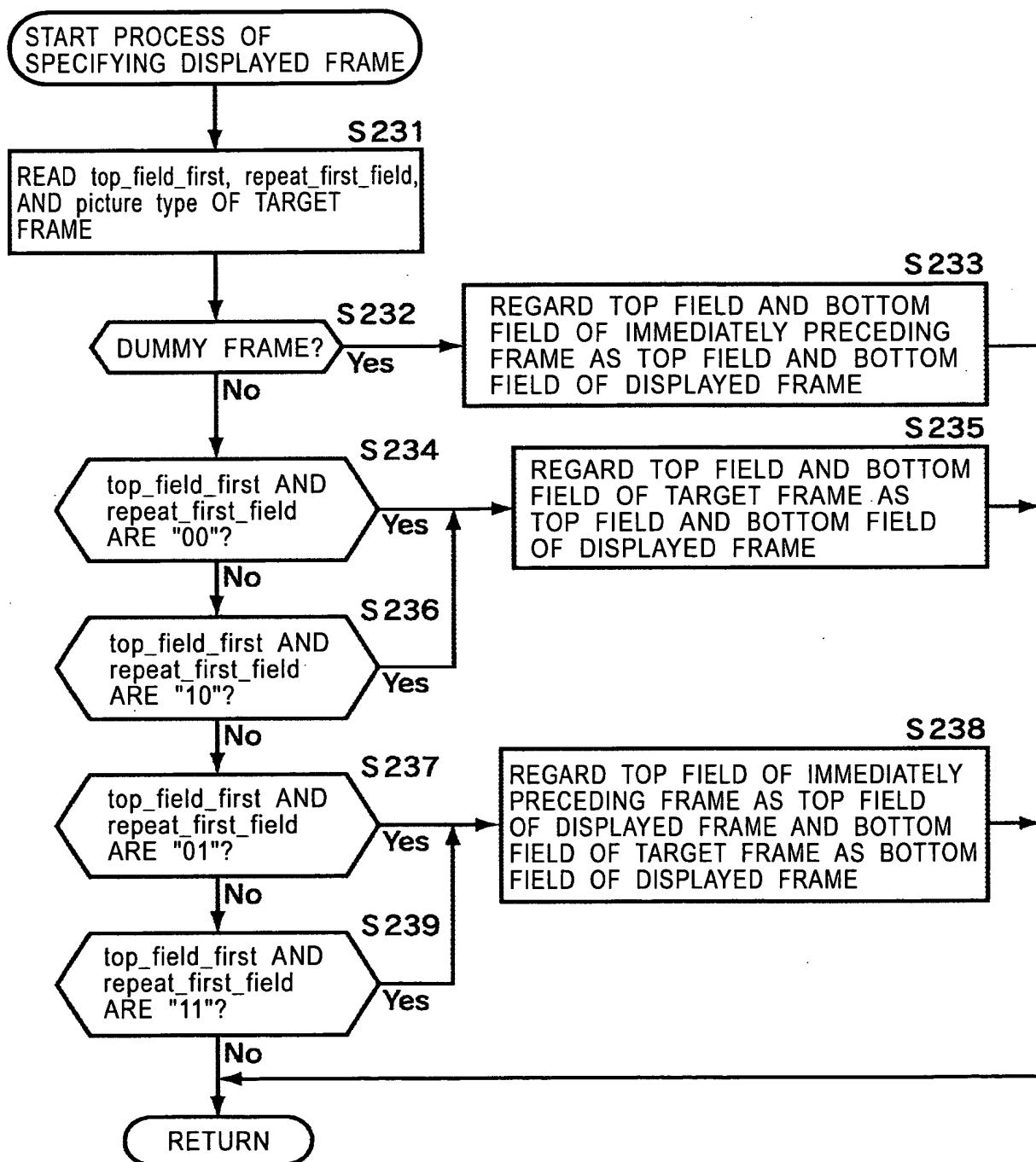


FIG. 13

DISPLAYED VIDEO FRAME NUMBER (30 FRAMES/SEC)		1	2	3	4	5
top_field_first	0	1	0	1		
repeat_first_field	0	0	1	1		
picture type					DUMMY	
FRAME RECORDED ON DISC (24 FRAMES/SEC)		A	B	C	D	
RECORDED PICTURE USED FOR FORMING PLAYBACK PICTURE		A	B	C	D	
Top/Bottom field	T	B	T	B	T	B

FIG. 14

Diagram illustrating the structure of a sequence of frames (GOP) and their file addresses.

The table shows frame indices (#0 to #n) and their corresponding fields:

- top_field_first**: A bit field indicating the first field of the top frame in the group. Values: 1: GOP top, 0: others.
- repeat_first_field**: A bit field indicating if the first field of the top frame is repeated. Values: 1: dummy picture, 0: others.
- size**: The size of the frame.
- File Address**: The memory address of the frame data.

Annotations for frame #4 and #9:

- Frame #4: Value 0x0000000000000000 is shown in the File Address column.
- Frame #9: Value 0x0000000000000000 is shown in the File Address column.

Picture type annotations:

- picture type 01: I picture
- 10: P picture
- 11: B picture

	top_field_first	repeat_first_field	size	File Address
#0	0 0		0 B	0x0000000000000000
#1	0 1		0 B	⋮
#2	1 0		0 I	⋮
#3	1 1		0 B	⋮
#4	1 1	1	1	0x0000000000000000
#5	0 0		0 B	⋮
#6	0 1		0 P	⋮
#7	1 0		0 B	⋮
#8	1 1		0 B	⋮
#9	1 1	1	1	0x0000000000000000
#10	0 0		0 P	⋮
⋮	⋮	⋮	⋮	⋮
#n	⋮	⋮	⋮	⋮

FIG. 15A

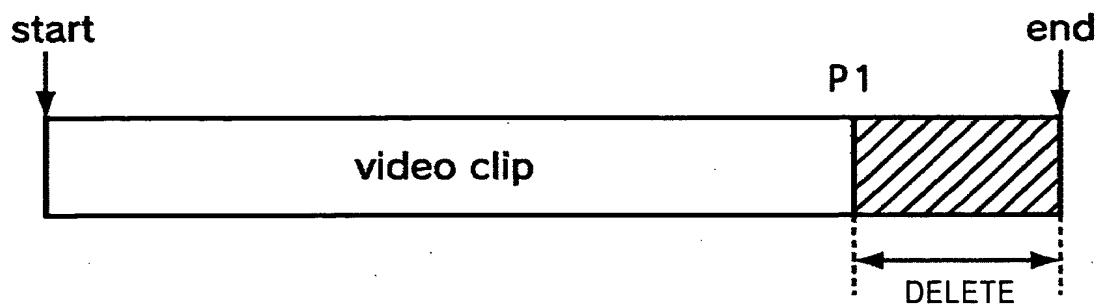


FIG. 15B

	size	B	File Address
#0	:	B	
#1	:	B	:
#2	:	I	:
:	:	B	:
:	:	B	:
:	:	P	:
:	:	:	:
:	:	:	:
:	:	P	:
...
#n

A large rectangular area at the bottom of the table is filled with diagonal hatching. A double-headed arrow labeled 'L1' spans the width of this hatched area. Below this arrow, another double-headed arrow labeled 'DELETE' spans the height of the hatched area, indicating the scope of a deletion operation.

FIG. 16A

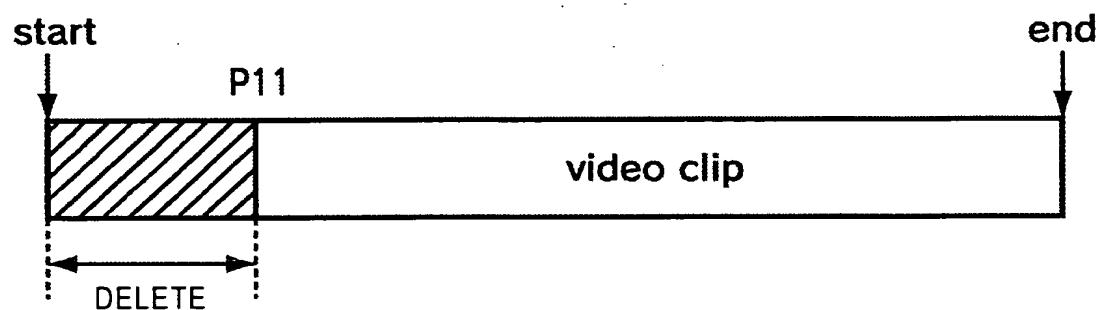


FIG. 16B

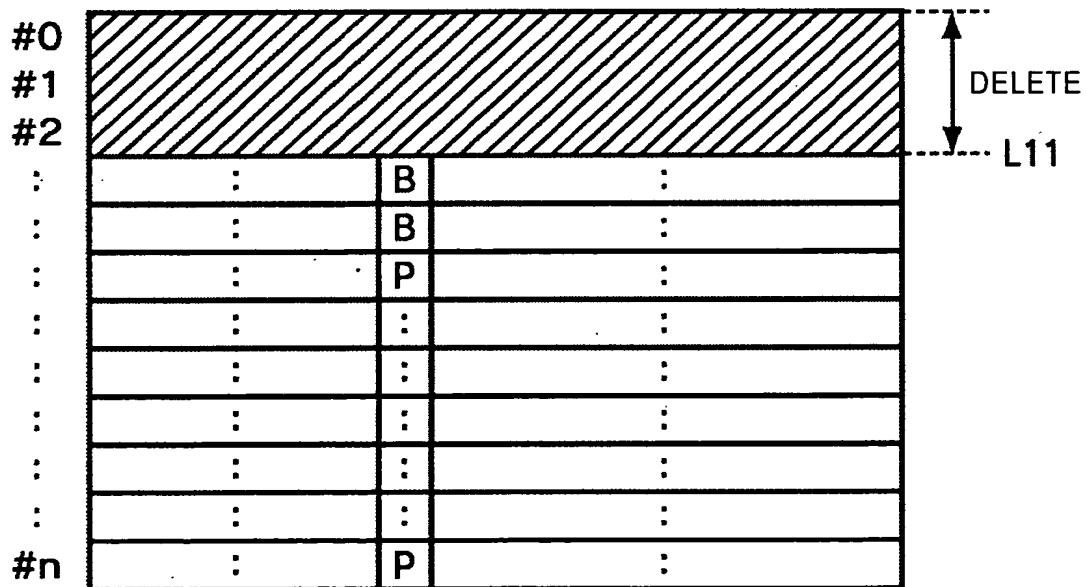


FIG. 17A

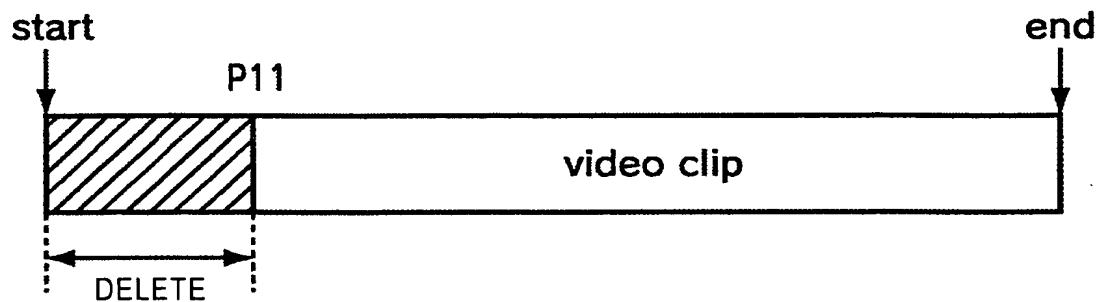


FIG. 17B

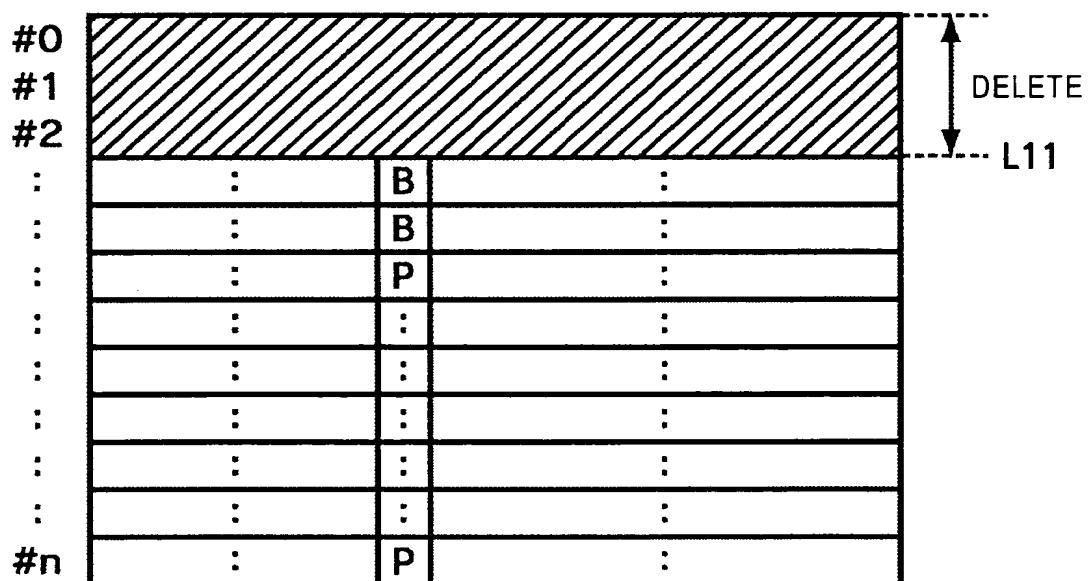


FIG. 17C



18 / 19

FIG. 18A

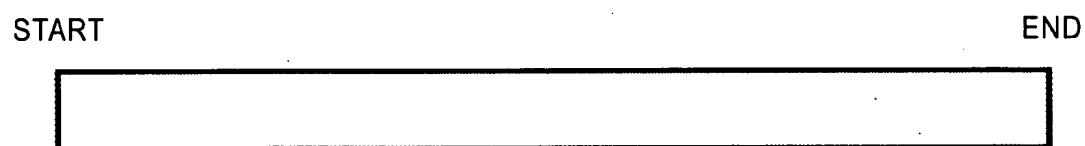
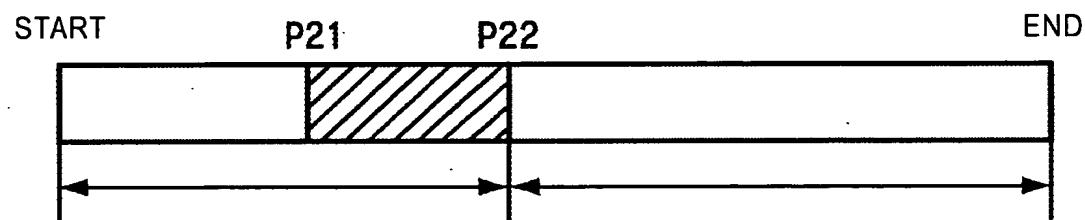


FIG. 18B



19 / 19

FIG. 19A

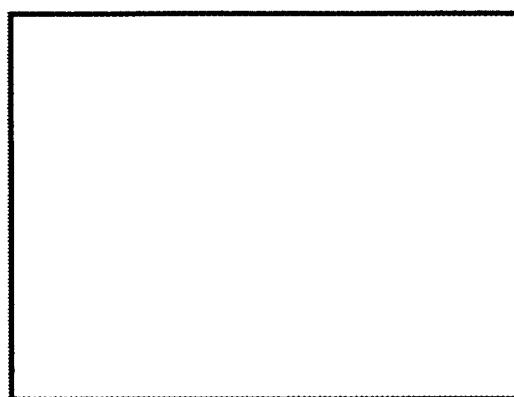


FIG. 19B

